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Learn how to ask for help



A warning to work in an industry where RTFM is still predominant

In an industry where many companies inadvertently embrace or blatantly **deny** the RTFM (read-the-freaking-manual) approach, the ability to seek assistance and understand how to navigate documentation becomes a valuable and transferable skill.

Knowledge is at the tip of our hands, we have 1000's of blogs, yt channels, stack overflow, ChatGPT and yet this does not necessarily equate to the ability of understand, analyze or effectively use information.

The following slides offer generic steps on seeking assistance while using Linux.



Challenges: information != Correct Information

- **Information overflow:** excess of resources, inability to discern quality information sources.
- Critical thinking: Not all individuals have developed analytical thinking.
- **Skill gap:** Not everybody is confident or skilled enough to navigate digital resources.
- **Time constraints:** managers and above have limited time and might rely on subordinates to get information without double checking it.
- Fear: of being wrong. Some companies or individuals will not foster an environment where you are allowed to fail.

Linux Fundamentals

Googling

- Formally called "Search Engine Literacy"
- Underestimated and transferable skill



how to find null values in sybase sql attribute fie X







Tips to generate an effective query

- 1. Define your objective.
- 2. Start with Basic Keywords, then escalate.
- Be specific.
- Use quotation marks.
- Check Spelling and grammar.
- 6. Scan the snippets.
- 7. Advanced search operators.



Sybase SQL not in & null

14 ene 2021 — A column BB has values null,1,2,3 and 4. I wrote SQL as below: select BB from table s where BB not in ('1','2'). But I only got result in '3 ...

1 respuesta · Mejor respuesta: This is standard SQL. Almost any comparison with NULL return...

IsNull in sybase where clause - Stack Overflow 5 jul 2013 Sybase and null string in select. Weird processing 1 dic 2016 filter for null value not working for DB2 and Sybase 24 feb 2014 Not able to update column which was set as null using 'select ... 20 ene 2022 Más resultados de stackoverflow.com



https://userapps.support.sap.com > support > knowledge

3236844 - Bit datatype and treatment of NULL - SAP IQ

- SAP SQL Anywhere and SAP IQ assume that columns can be null unless NOT NULL is stated in the column definition. You can change this behavior by setting the ...



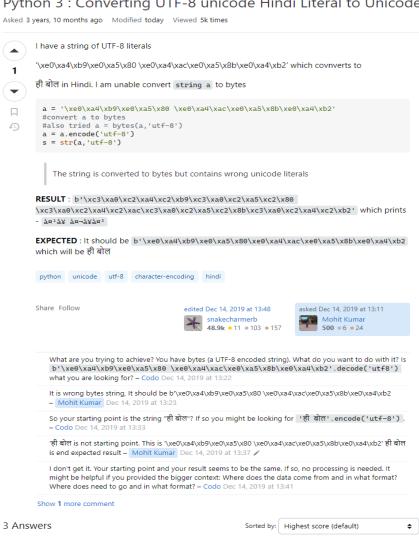
How to SELECT Records With No NULL Values in MySQL

By far the simplest and most straightforward method for ensuring a particular column's result set doesn't contain **NULL values** is to use the IS NOT NULL ...

Learn to ask for help - Stack Overflow

Linux Fundamentals

Python 3: Converting UTF-8 unicode Hindi Literal to Unicode



Use the raw-unicode-escape codec to encode the string as bytes, then you can decode as UTF-8

StackOverflow

- Saving devs since 2008.
- Even if a question is too old it can provide valuable insights.
- Excellent Quality control: Peer review system.
- Dynamic community.
- Stack Exchange Network. Diverse topics ordered like SO.
- Enterprise Integration.
- Review rules before posting.

https://stackoverflow.com/

Linux Fundamentals

```
-h and --help flags
```

Reminder of how to use a command.

Help or h flag are not *nix standard, some commands will respond, some not.

Prints to stdout:

Description

Syntax

Options

```
kone@Mercury:~$ grep --help
Usage: grep [OPTION]... PATTERNS [FILE]...
Search for PATTERNS in each FILE.
Example: grep -i 'hello world' menu.h main.c
PATTERNS can contain multiple patterns separated by newlines.
Pattern selection and interpretation:
                            PATTERNS are extended regular expressions
  -E, --extended-regexp
  -F, --fixed-strings
                            PATTERNS are strings
                            PATTERNS are basic regular expressions
  -G, --basic-regexp
  -P, --perl-regexp
                            PATTERNS are Perl regular expressions
  -e, --regexp=PATTERNS
                            use PATTERNS for matching
  -f, --file=FILE
                            take PATTERNS from FILE
  -i, --ignore-case
                            ignore case distinctions in patterns and data
     --no-ignore-case
                            do not ignore case distinctions (default)
 -w, --word-regexp
                            match only whole words
  -x, --line-regexp
                            match only whole lines
  -z, --null-data
                            a data line ends in 0 byte, not newline
```

Syntax

```
<command> -h or <command> --help
```

grep --help

Learn to ask for help - Info

* Regular Expressions::

* Usage::

* Copying::

* Index::

* Performance::

* Reporting Bugs::

Linux Fundamentals

Next: Introduction, Up: (dir) grep *** 'grep' prints lines that contain a match for one or more patterns. This manual is for version 3.7 of GNU Grep. This manual is for 'grep', a pattern matching engine. Copyright © 1999-2002, 2005, 2008-2021 Free Software Foundation, Inc. Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License. Version 1.3 or any later version published by the Free Software Foundation; with no Invariant Sections, with no Front-Cover Texts, and with no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License". * Menu: * Introduction:: Introduction. Command-line options, environment, exit status. * Invoking::

Regular Expressions.

Performance tuning.

License terms for this manual.

Reporting Bugs.

Combined index.

Examples.

Info

- Not *nix standard, not all commands will have info command available.
- Features hyperlinking.
- If you type info, you will go to a general Linux command node page.

Syntax

info <command> - info grep

Learn to ask for help - man

Linux Fundamentals

man

Manual pages are a reference, not a tutorial.

Typically divided into numbered sections.

Navigation is similar to less.

Provides command descriptions, usage, options, and examples.

Syntax

man <command> - man grep

```
GREP(1)
NAME
      grep, egrep, fgrep, rgrep - print lines that match pat
SYNOPSIS
      grep [OPTION...] PATTERNS [FILE...]
      grep [OPTION...] -e PATTERNS ... [FILE...]
      grep [OPTION...] -f PATTERN_FILE ... [FILE...]
DESCRIPTION
      grep searches for <u>PATTERNS</u> in each <u>FILE</u>. <u>PATTERNS</u>
      each line that matches a pattern. Typically PATTERNS
      A FILE of "-" stands for standard input. If no FILE
      nonrecursive searches read standard input.
      In addition, the variant programs egrep, fgrep and
      variants are deprecated, but are provided for backward
OPTIONS
  Generic Program Information
      --help Output a usage message and exit.
      -V, --version
              Output the version number of grep and exit.
  Pattern Syntax
      -E, --extended-regexp
              Interpret PATTERNS as extended regular expressi
      -F, --fixed-strings
              Interpret PATTERNS as fixed strings, not regula
Manual page grep(1) line 1 (press h for help or q to quit)
```

Linux Fundamentals

whatis

Displays one line descriptions from man pages.

Quickly identifies purpose of a command.

Syntax

whatis <command> - whatis grep



which

Determines the location of a command's binary.

Relies on system's \$PATH variable for its search.

Syntax

which <command> - which grep